Hygiene of communities. Cesk. hyg. 7 no.6:337-340 J1 162.

(PUBLIC HEALTH)

ZAHRADNICEK, Ivan, promovany ekonom, CSc.

Water rates in Czechoslovakia and thier historical development. Vodni hosp 15 no.2:87-89 '65.

1. Higher School of Economics, Prague.

ZAHRADNIGEK, Ivan, premovany ekonom

Water in the national economic process. Vodni hosp 14 ne. 1:35-36 '64.

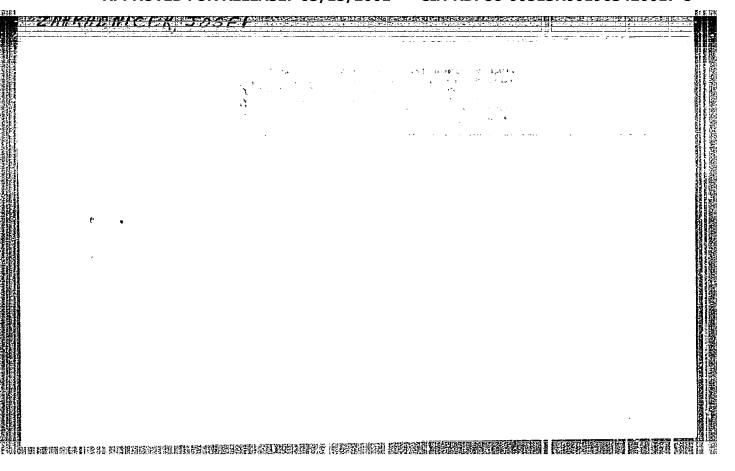
1. Vysoka skola ekonomicka, Praha.

ZAHRADNICEK, J.; VAVRECKA, O.

Basalt-lined pipes for the transportation of pulverized coal in electric-power plants.

P. 438. (ENERGETIKA.) (Praha, Czechoslavakia) Vol. 7, No. 8, Aug. 1957

50: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, May 1958



SCHMIDT, Lubos; ZAHRADNICEK, Josef

Changes in sugar beet weight during its fluming. Listy cukrovar 80 no. 7:169-171 J1 '64.

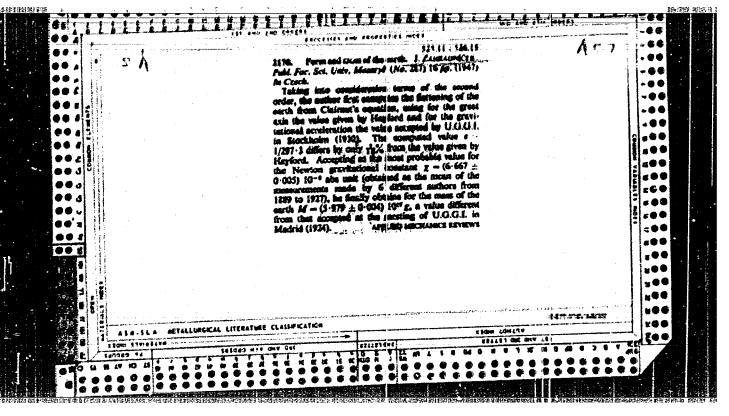
SCHMIDT, Imbos; Zahraimiczk, Josef; KEC, Vladimir

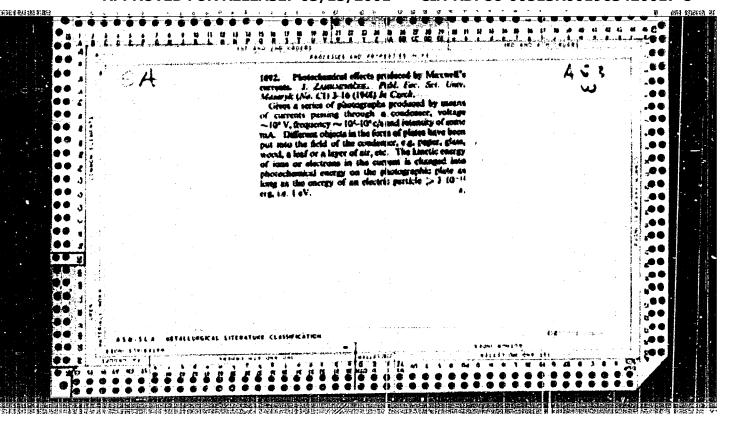
Weight losses of sugar beets gathered in small heaps in the field and the influence of the loss on sugar beet technological quality. Listy cukrovar 80 no.8:218-220 Ag*64

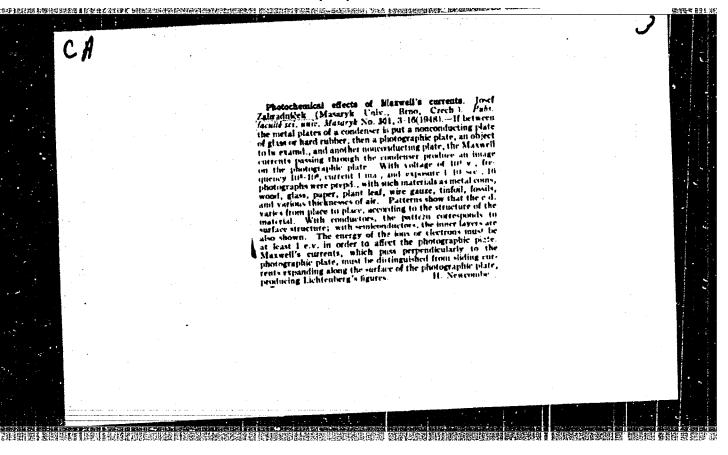
ZAHRADNICEK, Josef, inc.

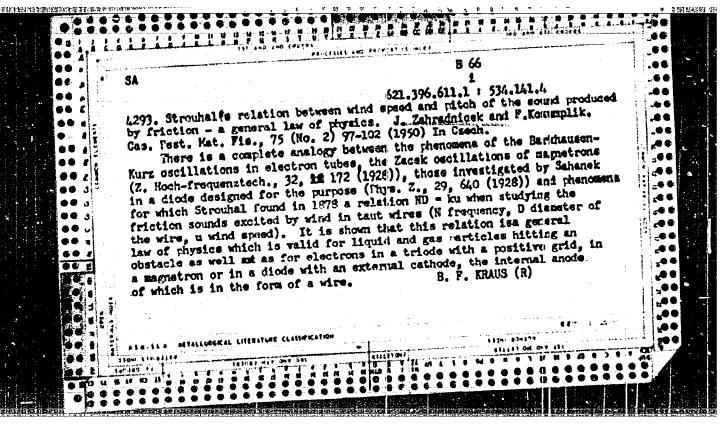
"Handbock for the canning industry" by [ir.] Erno Kardos, [or.]

"Karoly Gyonos, Endreus Szenes. Reviewed by Josef Zahradnicek. Frus
potrevin 1; no. 10:532-535 G 'c..





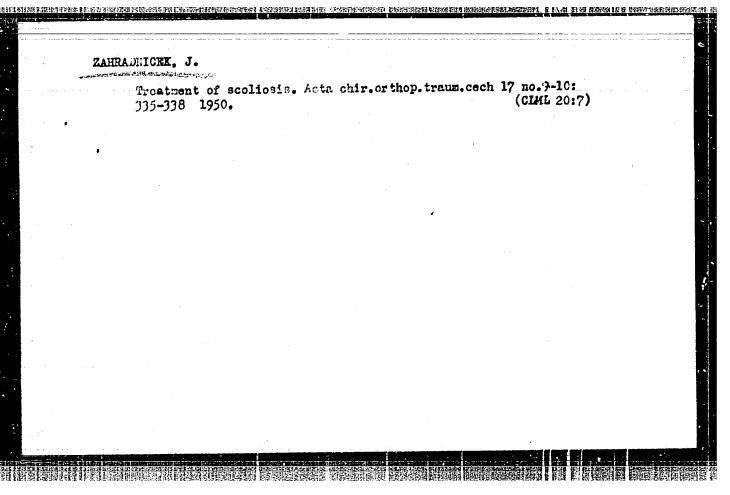


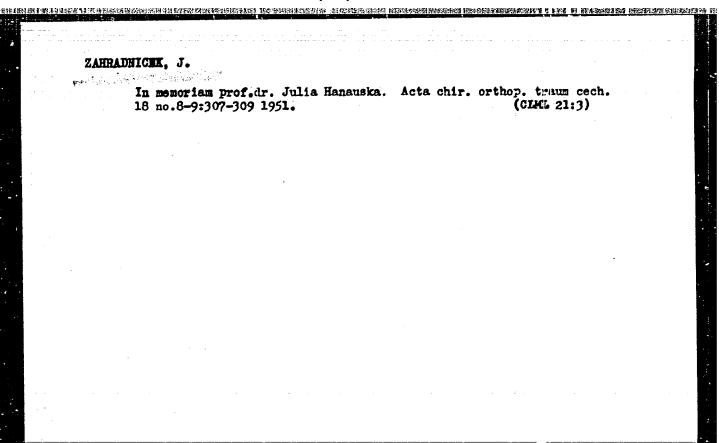


ZAGRADNICHEK, J., Zahradniček, J.], prof. (Praga)

Guiding principles of our method for treating congenital hip dislocation. Ortop.travm. i protez. 20 no.6:65-69 Je '59. (MIRA 13:3)

(HIP, disloc. congen., surg. (Rur)





ZAHRADNICEX, J.

Scoliosis and the school. Cesk. pediat. 10 no.6:431-433
July 55.

1. I. klinika pro ortopedickou a detskou chirurgii--Praha.
(SCOLIOSIS, in infant and child
school child., special schools & methods.)
(SCHOOLS
special schools for child. with scoliosis.)

ZAHRADNICEK, J., Prof.

Development of orthopedic surgery in Czechoslovakia after the end of the World War II. Prakt. lek., Praha 35 no.12:285 20 June 55.

endulturnomentalidas cuestralicada cuestralicada de cuestralica de cuestralica de cuestralica de cuestralica d

(ORTHOPEDICS, history in Czech., surg.)

JOSEPH ZAHRADNICEK
CZECHOSLOVAKIA / Chemical Technology, Chemical Products and
Their Application, Part 3 - Food Industry.

H-27

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12897.

Author

: Josef Zahradnicek.

MICHELL REPORT FOR THE POWER TO SERVICE TO S

Inst

: Not given

Title

: Causes of Jam Flowing into Yogurt along Jar Wall.

Orig Pub : Prumysl potravin, 1956, 7, No 3, 133 - 134.

Abstract : No abstract.

Card 1/1

ZAHRADNICEK, J., Prof., Dr.

Pathological dielocation of the hip in infants. Acta chir. orthop.
traum. cech. 23 no.4:171-179 July 56.

1. Z I. Orthoped. kliniky EU v Praze, prednosta prof. Dr.
J. Zahradnicek.
(HIP, dialocation,
in inf., acquired (Cg))

ZAHRADNIK, J., ins.

The tasks of technical development should have priority. Elektrotechnik 17 no.2:33 F '62.

1. Ministerstvo tezkeho strojirenstvi, Praha.

ZAHRADNICEK, Jiri, inz.; IANSTIAK, Bohumil, inz.

An automatic grinding ball batcher. Rudy 10 no.8:281-284 Ag '62.

1. Ustav pro vyzkum rud, Praha.

THE TRANSPORT OF THE PARTY OF T

ZAHRADNICEK, J.

"Experience with metal covers for jars in the processing of canned fruit. p. 561."
PRUNYSL FOTRAVIN. Praha, Czechoslovakia. Vol. 6, no. 11. 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59 unclas

ZAHRADNICEK, J.; CIZEM, A.

SCIENCE

ZAHRADNICEK, J.; CIZEK, A. Time dependence of the physical magnitudes in the universe. p. 251.

No. 384, 1957.

Monthly Index of Sast European Accessions (EEAI) IC, Vol. 7, No. 12, Noc. 158

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H and Their Uses. Part III. Food Industry.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51974

Author : Zahradnicek, Josef Inst

: Determination of Essential Oils and Moi-Title

sture Content in Condinents.

Orig Pub: Prunysl potravin, 1956, 7, No 7, 315-320

Abstract: Method and results of the determination of ossential oils and moisture in ginger, thyme,

anise, black popper, cinnamon, marjoram, clove, etc., were described. -- E. Tukachin-

skaya

: 1/1 Card

116

Zahradnicek, J.; Cizek, A.

Shifting of the perihelion of the planet Mercury. p. 281.

Bratislava. Univerzita. Prirodovodecka fakulta. SPISY Prno, Czechoslovakin, No. 365, 1955.

Monthly List of East European Accessions, (EEAI) LC, Vel. 8, no. 10, 1959. Oct. Uncl.

SCHMIDT, Lobos; ZAHRADUICSK, Josef

Effect of natural and artificial ventaintin on the serveys of eagan boots. Listy warrant West, 1475-5-56 to 164.

1. Submitted June 39, 1964.

KONIG, B.; ZAHRADNICEK, K.; HYZAK, A.

Contribution to eye pathology. (Generalized sympathicaliastoma of the adrenal medulla with metustases into both eyes. Cesk. oftal. 21 no.1:65-71 Ja '65

1. Ocni klinika lekarske fakulty Palackeho University v Olomouci (prednosta: prof. dr. V.Vejdovsky, DrSc.); Ocni oddeleni Obvodniho ustavu narodniho zdravi ve Vsetine (vedouci: MUDr. K. Zahradnicek), a Patologickoanatomicky ustav lekarske fakulty Palackeho University v Olomouci (prednosta: dog. dr. V.Valach).

KONIG, B.; ZAHRADNICEK, K.

Bilateral metastatic cancer of the choroid of the optic nerve. Cesk. ofth. 16 no.1:78-83 Ja 160

1. Ocni klinika lekarske fakulty FU v Olomouci, prednosta prof.
MUDr. V. Vejdovsky Ocni oddeleni OUNZ ve Vsetine, prednosta prim.
MUDr. K. Zahradnicek.
(CHOROID, neopl.)
(BREAST, neopl.)

DUBANSKY, B., Dr.; HARTLY, J., Dr.; MYSLIVY, M., Dr.; SVOBODA, E., Dr.;
DULENEX, A., Dr.; ZLAMAL, J., Dr.; ZAHRADHICEN, K., Dr.;
DOLENEX, A., Dr.

Papilledema in verified intracranial tumor. Cesk. ofth. 12 no.5:
334-340 Oct 56.

1. Neurologicka klinika FU v Olomouci, prednosta prof. Dr.
Jaromir Hrbek, Ocni klinika FU v Olomouci, predno prof. dr.
Vaclav Vejdovsky.

(BRAIN, HEPPLASMS, complications,
papilledema (Gs))

(NERVES, OFFIC, diseases,
papilledema in intracranial tumors (Cs))

ZAFRADNICKK, K., Dr.; DOLENEK, A., Dr.

Atrophy of the optic nerve in children. Cesk. ofth. 12 no.5: 341-345 Oct 56.

1. Ocni klinika PU v Olomouci, prednosta prof. dr. V. Vojdovsky
Ocni oddeleni OUEC ve Vastira, prednosta prim. I r K. Zahradnicek.
(NERVES, OPTIC, diseases,
atrophy in child. (Cz))

HUING, A.; VASKOVA, N.; ZAHRAUNICEK, K.; HOLUSA, R.

Orbital tumors & injury. Cesk. ofth. 14 no.5:375-379 Oct 18.

1. Coni klinika PU v Olomouci, prednosta prof. dr. V. Vejdovsky; Patol. anatomicky ustav PU v Olomouci, prednosta doc. dr. C. Dvoracek; Ocni odd. OUNZ na Vsetine, prednosta prim. dr. K. Zahradnicek.

(ORBIT, neoplasms
post-traum. in inf., case report (Cz))

CZECHOSLOVAKIA/Chemical Technology. Pharmaceuticals. Vitamins. Antibiotics.

Abs Jour: Ref Zhur-Khin., No 24, 1958, 82724.

: Zahradnicek M. Author

: OSTAN FARMACENT, CHEM, P. RNO, CRECH. Inst

: A Notation Concerning the Determination of Silver in Title

Colloidal Solvent Proparations According to the

Czechoslovakian Pharmacopeta 2.

Orig Pub: Farancia (Ceskosl.), 1956, 25, No 9, 274-276.

Abstract: The conversion of silver from a colloidal into an ionic form, by the method of the Czechoslovakian Pharmacopeia 2, is time-consuming. The rapid method of analysis is suggested which gives · accurate reproducible results. A two gram sample of colloidal silver or ~ one gram of Ag proteinate

: 1/2

27

CIA-RDP86-00513R001963420017-8" APPROVED FOR RELEASE: 03/15/2001

ZAHRADNICEK, M.

CZECHOSLOVAKIA/Analytical Chemistry - General Questions.

E-1

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24685

Author

: Jakubec, I., Zahradnicek, M.

Inst Title

: Use of Two Standards in Quantitative Evaluation of

Chromatograms Following Elution.

Orig Pub : Sb. chekhosl. khim. rabot, 1957, 22, No 4, 1088-1096

Abstract : See RZhKhim, 1957, 44822.

Card 1/1

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420017-8"

ZAHRADMICH, Milen, inz.; ZAVEDEY, Karel, inz.

New distribution of aeronautical short-wave frequencies.

Latecky obser 8 no.81230-231 AgVEA

CZECHOSLOVAKIA

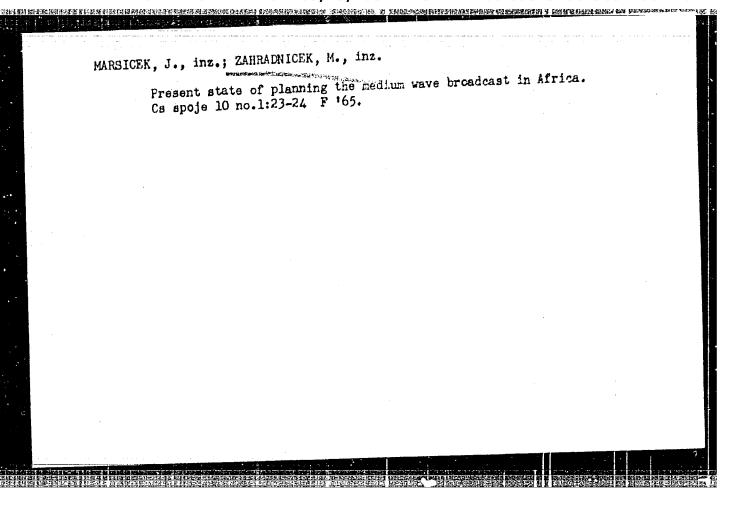
ZAHRADNICEK, M.: Department of Pharmaceutical Chemistry, Pharmaceutical Faculty, Comenius University (Katedra Farmaceuticke Chemie Farmaceuticke Fakulty UK), Bratislava.

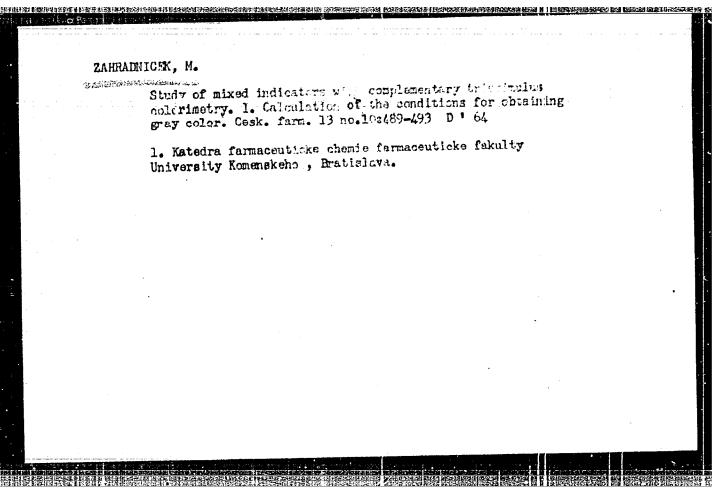
Transported Consideration of the Constant Constant Constant of Constant Constant of Constant Constant of Constant

"Study of Mixed Indicators by Complementary Tristimulus Colorimetry. II. Screening of Indicators."

Prague, Ceskoslovenska Farmacie, Vol 16, No 2, Feb 67, pp59 - 53

Abstract /Author's English summary modified 7: Screening indicators producing a grey coloration have a more distinct color change than individual indicators. The positions of the color changes of mixed indicators are shown by the complementary color points in chromaticide diagrams; the junctions of colored points of mixed indicators pass through a narrow range of distinctly different colors with a very clear color change. Simple indicators have broader ranges of color change which are less distinctive. 3 Figures, 3 Tables, 5 Western, 3 Czech references.





ZAHRADNICEK, Milan, inz.

Conference on space communications. Cs spoje 9 no.1:
3-5 F'64.

1. Ustredni sprava spoju.

ZAHRADNICEK, Milan, irz.

Development of radiobroadcasting in Africa. Cs spoje 9 no.3:15-16
Je *64.

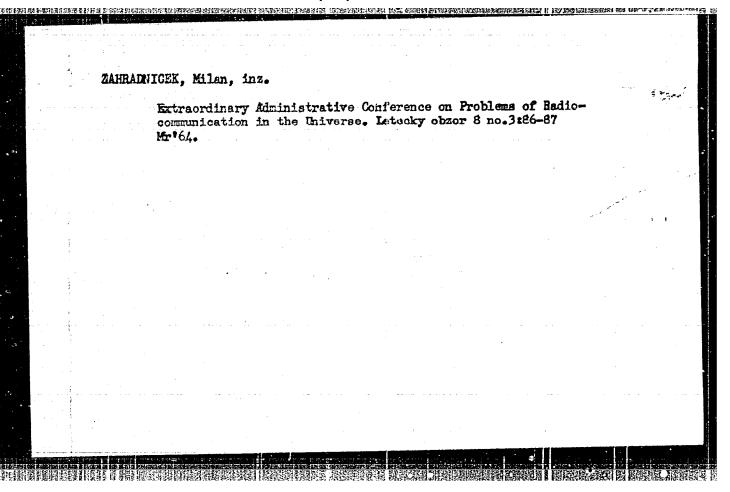
1. Central Administration of Telecommunication.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420017-8"

TOMASKOVA, V.; BLESOVA, M.; ZARRADNICEK, M.

Determination of soluble pentobarbital with the use of a mixed indicator bromocresol green-methyl red. Cesk. farm. 13 r.o.3: 93-96 Mr.*64.

1. Katedra farmaceuticke chemie farmaceuticke fakulty UK, Bratislava.



ZARRADNICEK, Milan, ins.

Tenth Assembly of the International Radio Consultative (committee.
Cs. spoje 8 no.319-10 Je *63.

1. Ustredni sprava spoju.

ZAHRADNICEK, Milan, inz.

Problems of the short-wave band. Cs spoje 7 no.1:14 Ja '62.

1. Pracovnik Ministerstva dopravy a spoju

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生性主题,但主题我们是常见的是主人的。但是这种的,我们就是这种的,我们就是这种的,我们就是这种的一种,我们就是这种的一种,我们就是这种的一种,我们就是这种的一种, 1 CZECHOSLOVAKIA COUNTRY t Chemical Technology, Chemical Products and Their Usos. Part 3. Synthotic and Natural CATEGORY ABS. JOUR. : RZKhim., No. 1 1960, No. 2148 : Zahradnicek, H.; Sekerkova, D.; Benesova, S. AUTHOR INST. : Use of Mixed Indicators in Analysis of Medici-TITLE nal Proparations. I. Quantitative Determination of Sodium Bicarbonate ORIG. FUB. : Coskosl. farmac., 1958, 7, No 8, 438-440 : A comparison of the quantitative determination of MailCO3, using methyl orange, with determi-ABSTRACT nation in the presence of modified mixed indicators, namely, directayl yollow - mothylone blue and nothyl orange - indigo carmino, was carried out. The advantage of the above-named mixed *Medicinal Substances. Galenicals and Medicinal Forms 1/2 CARD: H-58

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JILEK, M.; THUKA, J.; ZAHRADNICEK, O.

Favre-Racouchot disease. Cesk. derm. 29 no.3:173-175 16,164

1. I. dermato-venerologicka klinika fakulty vseobecneko lekarstvi KU (Karlovy university) v Praze; prednosta: prof. dr. J. Konopik, DrSc.

ZAHRADNICEK, Rudolf

Survey of Czechoslovak technology at the Second International Fair in Brno. Nova technika no.11:515-518 N *60.

1. Vedouci OTS Mikrotechny n.p., Fraha.

	ZAHRADWICEK, Rudolf										
		Tachometers for aeroplanes. Hova technika no.12:551-553 D 160.									
		1. Vadouci OTS	Mikrotechna,	n.p.							
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NEPRAS, M. ZARGADNIK, B.

organisal properties and chemical reactivity of elterbane tydro-carbons and related compounds, to the Crochem 29 no.781565-1560 Jr 164.

** Research tourlints of Organic Syntheses, Ferdulics-Hypitvi, and Englishes of Physical Completer, Ozachishouk Addieny of Sciences, France.

S. C'ELBER BIR IN 1811 INCOMPANIA INTERNATIONALITA PERSONALITA ELI MINISTERIA DE CONTROL DE CONTROL

RASKA, Karel, Doc., MUDr.; RADKOVSKY, ILG.; EAHRADNICKY, J., dr.; SYRUCEK, L., dr.

Problem of scarlet fever in Czechoslovakia. Cas. lek. cask. 91 no.23:669-675 6 June 52.

1. Z III. odboru SZU, a' prof. dr. Prochazka, dr. L. Seiller, z infekcniho oddeleni nemocnice na Bulovce v Praze.

(SCARLET FEVER, epidemiology, in Czech.)

ZAHRADNICKY J. (4026)

*Identification of B-haemolytic streptococci (Czech text) CSL. HYG. EPID. MIKROB.1953, 2/2 (132-138)

The technique of collecting and inoculating specimens and the importance of the medium are discussed. By means of immediate inoculation, use of enriching media and other factors discussed, B-haemolytic streptococci were isolated in 98.145 of clinically diagnosed scarlet fever cases. This supports the streptococcal actiology of the disease.

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Syrucuk - Prague

SO: E. M. Vol. 7, No. 8 - Sect. IV August 1954

ZAHRADIICKY, JIRI.

ZAHRADNICKY, Jiri, HUDr; SYRUCKE, Labomir, HUDr; BRUCKOVA, Karis; JELIHKOVA, Jarmila; HICKOVA, Stanislava, ROTTA, Jiri, RYDr SALACOVA, Jitka

> Experience with serologic identification of beta henolytic Sterptococoi during the period of 1950-1952. Cesk, hyg. spidem, mikrob. 2 no.4:291-300 Aug 153.

1. Ustav epidemiologie a mikrobiologie v Praze, red. doc. Dr Karel. Raska.

(STREPTOCOCCUS, henolytic B, serol. typing)

Delance, S., Mudr; SLENSKA, Tr., Mudr; Zerrander, J., Mudr

Spidenic of angina following consumption of ice cream. Tenk, hyg. epiden. mikrob. 2 no.6:456-459 Dec. 53.

1. I krajske hyg.-epiden. stanice v Jihlave, Okresni hyg. epiden. stanice v Harl. Brode a Ustavu epidemiologie a mikrobiologie v Prase (red. doc. Dr. K.Raska)

(THROAT, diseases, streptoc. sore throat after ice cream consumption)

(ICE CREAM, streptoc. sore throat after ice cream consumption)

(STREPTOCOCCAL IMPECTIONS, throat, after ice cream consumption)

ERATEOVA, Edita, RUDr; ZAHRADNICKY, Jiri, MUDr

Use of perocillin in therapy of angina. Cas.lek.cesk. 94 Ec. 15: 381-384 8 Apr 55.

1. Z detskeho interniho oddeleni Thomayerovy nemocnice v Fraze-Krci (prim. Dr E.Kratkova) a z Ustavu epidemiologie a mikrobiologie v Praze (red. doc. Dr K.Raska)

(PENICILLIM, derivatives,

procaine penicillin G in ther. of anginas)

(PAIM,

anginas in inf. & child. ther., procaine penicillin G)

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EXCERPTA MEDICA Sec. 6 Vol.11/1 Internal Ned. Jan 57 ZAHRADNICKY J.

40. ZAHRADNICKÝ J. Úst. Epidemiol, a Mikrobiol., Praha. *K léčení spály penicilinem. Treatment of scarlet fever with penicilin CAS. LEK. CES. 1955, 94/15 (385-394) Tables 10

The experiences gained in the treatment with differential penicillin preparations are a proof that there is no substantial difference in the effects of the preparations. The treatment with crystalline penicillin G given twice a day (interval of 12 hr.) is only moderately effective. The author followed the speed of fall of temperature, of recession of the exanthema, the appearance of complications, the rapidity of the disappearance of β -haemolytic streptococci in the smears and the increase of the titre of the antihaemolysin O. The results of these schemes of treatment have been followed: (1) Penicillin for injection of whatever origin in a daily dosage of 200-300,000 I.U. (2) Crystalline penicillin G (Czechoslovakia) 100-150,000 I.U. twice a day. (3) Srystalline penicillin G 50-75,000 I.U. 4 times a day. (4) The 1st day 400,000 I.U. of procilin (procaine-penicillin, Czechoslovakia) and then always 300,000 I.U. of a water suspension of penicillin G per day. (5) First dose the same and then 3 times per day a tablet of perocilin (tablets of 200,000 I.U. of penicilin + amidopyrine) per os. (6) Only perocilin I tablet 3 times a day. On the 5th day all patients were practically without fever. The infection disappeared after 32-63 hr. Of 720 patients complications were observed in 7.77%. Eight patients had a relapse during 12 weeks after discharge from hospital. The microbiological effect of the treatment was complete in 98-100%. In group II only 93.75% of patients were negative. In convalescent persons of this group a frequent increase of the titre of the antihaemolysin O was seen. No damage of the white component of the blood by amidopyrine of the perocilin was found. The isolated strains of streptococci of repeated smears were antigenically unchanged. The peroral treatment with penicillin (perocilin) may therefore be considered as valid as the treatment by injection. Pavlak - Brno (XX, 7, 6)

VYBORNA, M., MUDr.; ZAHRADNICKY, J., MUDr.; DVORAKOVA, M., MUDr.; Laboratorni spoluprace J. Jelinkova, R. Bicova

Experience with DBED penicillin in the treatment of scarlet fever. Cesk. epidem. mikrob. isun. 5 no.3:140-146 June . 1956.

1. Z oddeleni spaly a zaskrtu Thomayerovy nemocnice v Praze-Krci, ved lekar MUDr. M. Vyborna, a z Ustavu epidemiologie a mikrobiologie v Praze, reditel prof. MUDr. Karel Raska. (PENICILLIN, related compounds.

bensathine penicillin ther. of scarlet fever (Us)) (SCARLET FEVER, therapy, bensathine penicillin (Cs))

Czechoslovakia/General Division. Congresses. Sessions. Conferences

Abs Jour : Ref Zhur-Biologiya, No 3, 1958, 9333

Author J. Zahradnicky Inst

Title Tenth Session of the Czechoslovak Microbiolo-

gists and Epidemiologists

Orig Pub Seskosl. Epidemiol., imunol, 1956, 5, No 3,

165-166

Abst.ract The session was held in Prague 21-23 May ...956

and was devoted to problems of zoonoses, Reports were heard on listeriosis, toxoplasmosis, brucellosis, ornithosis, leptospirosis, Q-ricket-

tsia and others.

Card 1/1

CIA-RDP86-00513R001963420017-8" **APPROVED FOR RELEASE: 03/15/2001**

ZAHRADNICKY J1-1

Microbiology, epidemiology and clinical aspects of upper respiratory tract diseases in working youth. Cas. lek. cesk. 95 no.49:1345-1351 7 Dec 56.

1. Ustav Epidemiologie a Mikrobiologie v Praze (red. prof. Dr. K. Raska).

(RESPIRATORY TRACT, dis.

in working youth (Cs))
(OCCUPATIONAL DISEASES,
resp. tract dis. in working youth (Cs))

KRATKOVA, Edita; ZAHRADHICKY, Jiri Importance of proper treatment of pharyngitis in prevention of sterile complications. Cas. lek. cesk. 96 no.5:137-140 1 Fev 57. 1. Detake interni oddeleni Thomayerovy nemocnice v Prate-Krci. primar Dr. E. Kratkova Ustav epidemiologie a mikrobiologie v Praze, prednosta prof. Dr. Karel Raska. E. K., Praha-Krc, Budejovicka 800. (PHARYNGITIS, in inf. & child streptococcal, prev. of endocarditis, glomerul (nephritis & rheum. fever with penicillin (Cz)) (ENDOCARDITIS, in inf. & child prov. with penicillin ther. of streptococcal pharyngitis (Cz)) (RHEUMATIC FRVER, prevention & control penicillin ther. of streptococcal pharyngitis (Cz)) (GIOMERUIONEPHRITIS, in inf. & child prev. with penicillin ther. of streptococcal pharyngitis (CE)) (STREPTOGOCCAL INFECTIONS, in inf. & child pharyngitis, prev. of endocarditis, glomerulonephritis &

rheum. fever with penicillin (Cz))

ADERIO ENTLA CLOTA EN CENEL ENGRACIA DE ENCAPERÓ ENCAPACION DE LA CLOTA DE CONTRE EN C

ZAHRADNICKY, JIII, Doc. MUDr.

Present knowledge of streptococcal infections. I. Iaboratory and experimental problems. Cas. lek. cesk. 96 no.50: Lek. veia cesk. 96 no.50:213-220 13 Dec 57.

1. Ustav pro mikrobiologii a epidemiologii lekarske fakulty university Karlovy se sidlem v Plzni, predmosta doc. Dr J. Zahradnicky. Ustav pro mikrobiologii a epidemiologii lek. fak., Plzen, Karxova 13. (STREPTOCOCCUS, metabolism, review (Cz))

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420017-8"

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ZAHRADNICKY, Jiri, Doc. MUDr.

Present knowledge of streptococcal infections. II. Clinical and epidemiological problems. Cas. lek. cesk. 96 no.50:Lek. veda zahr: 220-229 13 Dec 57.

le, Ustav pro mikrobiologii a epidemiologii lekarske fakulty university Karlovy se sidlem v Plzni, prednosta doc. Dr J. Zahradnicky. Ustav pro mikrobiologii a epidemiologii lek. fak. Plzen, Marxova 13.

(STREPTOCOCCAL INFESTIONS.

review (Cz))

ZAHRAD NUCKY, Jiri; TUKOVA-PAPIRNIKOVA, Bala

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(INFULERZA, prev. & control. vacc. of groups in Czech. (Cz))

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Problems and prospects of medical microbiology and epidemiology. Plzen. lek. sborn. 24:127-134 '64

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HEJNY, J.

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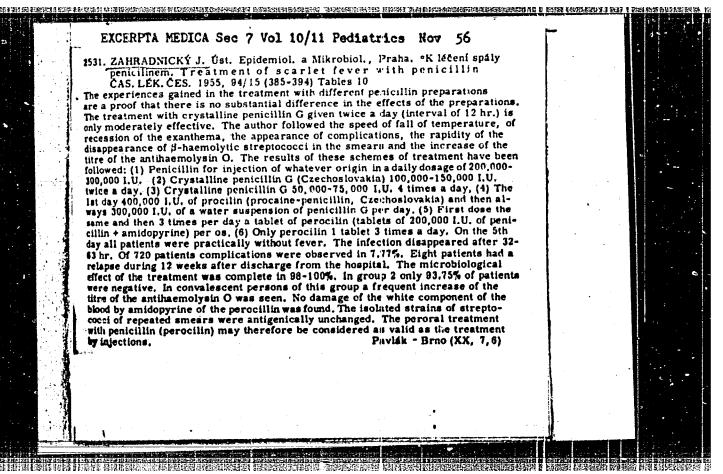
Current status of the sensitivity of some pathogenic agents in Czechoslovakis. Cas. lek. cesk. 104 no.23:609-614 11 Je 65.

1. Ustav pro mikrobiologii a spidemiologii lekarske fakult; Karlovy University v Plzni; Ustav spidemiologie a mikrobiologie v Praze; Vojensky ustav hygieny, spidemiologie a mikrobiologie v Praze; Krajska hygienicko-spidemiologicka stanice v Ceskych Budejovicich; Lecebna tuberkulozy v Janove u Mirosova; a Lecebna tuberkulozy ve Vysnych Hagach.

VYMOLA, F.; HEJZLAR, M.; ZAHRADNICKY, J.; FOTUZNIK, V.

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1. Ustav epidemiologie a mikrobiologie v Praze - Vojendy ustav hygieny, epidemiologie a mikrobiologie v Praze - Ustav mikrobiologie a epidemiologie lekarske fakulty KU v Pluni - Krajska hygienicko-epidemiologicka stanice v C. Budejovacich. (DRUG RESISTANCE, MICROBIAL) (ANTIBIOTICS)



ZAHRADNICKY J

CZECHOSLOVAKIA / Virology. Human and Animal Viruses. Influenza E-3
Virus.

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81253

Authors : Zahradnicky, J.; Tumova-Papirnikova, B.

Inst : Not given

Title : Influenza Prophylaxis in Collective Farms by Vaccination

rig Pub : Casop. lekaru ceskych., 1958, 97, No. 1, 10-15.

Abstract : No abstract.

Card 1/1

11

KRATKOVA, E.: ZAHRAINICKY, J.

Antistreptolysin O titer in angina & its-relation to the incidence. of complications. Cas. lek. cesk. 98 no.12:355-358 20 Mar 59.

1. Detske oddleni Thomayerovy nemocnice v Praze-Erci, primar KUD;: E Kratkova, Ustav epidemiologie a mikrebiologie v Praze, redițel prof. MUDr. Karel Basks, Ustav pro sikrobiologia a epidemiologii lekarske fakulty university Karlovy se sidlem v Plani, prednosta doc. MiDr. Jiri Zahradnicky. E. K., Praha-Krc. Budejovicka 800.

(STREPTOCOCCAL INFECTIONS, in inf. & child antistreptolysin O levels, relation to possible develop. of rheum, fever (CII))

(RHNUMATIC FEVER

develop. during streptoc. infect., relation to antistreptolysin O levels (Cz))

(ANTISTREPTOLYSIN, in blood O, in streptoc. infect. in child., relation to develop fever (Cz))

Observations on the behavior of protein fractions in the blood serum during the course of acute infectious diseases. Przsgl. epidem. 14 no.4:423-429 '60.

1. Z Oddzialu Chorob Zakaznych Szpitala Miejskiego im. J.Strumin w Poznaniu Ordynator: dr med. A. Zahradnik.

(COMMUNICABLE DISEASES blood) (BLOOD PROTEINS)

CZECHOSLOVAKIA

ZAHRAINIK, A.

No affiliation given

Bratislava, Farmaceuticky obzor, No 10 [October] 1966, p 476

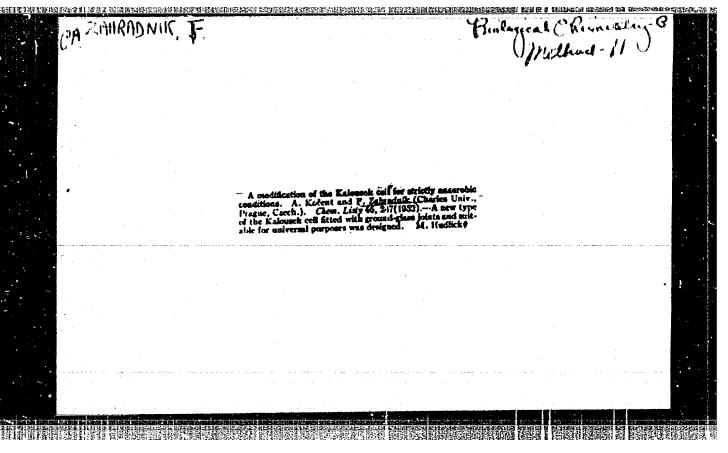
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ZAHRADNIK, Frantisek; HABERSBERGEROVA, Anna

Device for opening ampuls with gas samples. Chem listy 58 no. 4:468 Ap 164.

条件。1841年12年28年12月15日,1942年12月18日,1943年13月18日,1943年13月18日,1943年13月18日,1943年12日

1. Institute of Polarography, Czechoslovak Academy of Sciences, Prague (for Zahradnik). 2. Nuclear Research Institute, Czechoslovak Academy of Sciences, Rez. (for Habersbergerova).

ZAHRADHIK, J.

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SECRNIK FAUNISTICKYCH FRACI. AGTA FAUNISTICA ENTCYOLOGICA, Vol. 1, 1956 Praha, Czechoslovekia

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"Professor Jan Obenberger's sixty-fifth birthday; a biographic sketch. In French."

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Unclassified

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Certain spaces of white flies in Czechoslovakia; first contribution to monography on white flies in Central Europe. p. 40

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Vol. 124, no. 1, 1955 CASOPIS; ODDIL PRIRODEVEDNI Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

ZAHRADNIK, J.; MOUCHA, J.

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ZAHRADUK, Kvetoslav, inz.

Results of overloading a reinforced concrete crane ruway.

Inz stavby 13 no.2:54-55 F '65.

VONDRAKOVA, Zdena, inz.; ZAHRADNIK, Lubemir, dr., inz., laureat statni ceny; STOVIK, Miroslav, inz., laureat statni ceny

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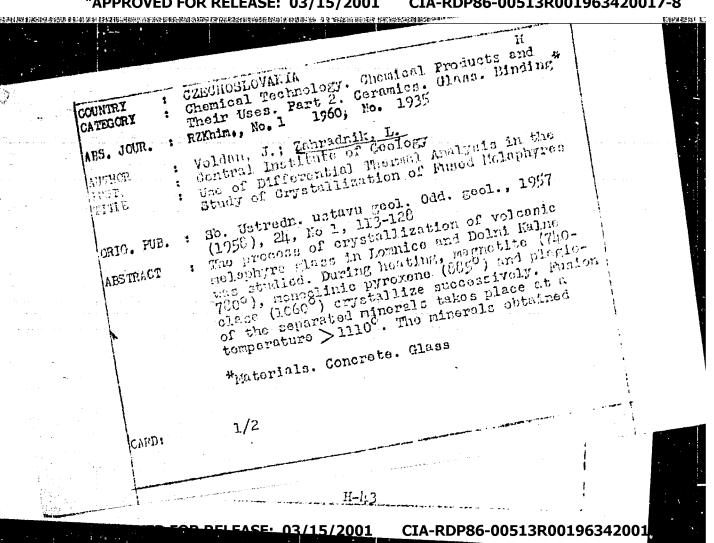
1. Ustav nerostnych surovin, Kutna Hora, pracoviste v Praze.

ZAHRADNIK, L.; STOVIK, M.; TYROLZR. J.

Distribution of germanium between the combustion products in a hearth having a traveling grate. p. 62

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H-22 COUNTRY Czechoslovakia

CATEGORY

1959, No. 87897 ABS. JOUR. : AZKhim., No.

: Zahradnik, L.; Stovik, M.; Tyroler, J. AUTHOR

INST. : Distribution of Germanium in Products of the TITLE

Combustion of Coal in Fire Boxes with Moving

Grate

ORIG. FUB.: Chem. prumysl, 1959, 9, No 2, 62-64

: The authors have studied the feasibility of securing starting raw materials for Ge production, from products of direct combustion of coal. A material balance is presented for a boiler with conveyer grate, considered from the standpoint of Ge-distribution among individual products of combustion. More than 70% of Ge originally contained in the coal are distributed between volatilized ash and furnace cinders. Cinders, because of low Ge-content (concentration of about 10-3%) can not be processed. Flying ash containing from 0.3 to 0.5% Ge can provide excellent raw material for the production of this element.

Authors' summary.

CARD:

GRYGAREK, Jiri, inz.; ZAHRADNIK, Ladislav

Results of the measurement and analysis of the ventilation system at the Medlov Mine in the Jeseniky Ore Mines. Sbor VSB Ostrava 9 no.4:507-529 '63.

Measurement and evaluation of mining on the surface conditions at the Medlov mine in the Jeseniky Ore Mines. Ibid. 1581-603

1. Vysoka skola banska, Ostrava (for Grygarek). 2. Rudne doly Jesenik, zavod Medlov (for Zahradnik).

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Sbornik. Oddil geologicky. Praha, Czechoslovakia. Vol. 24, no. 1, 1957 (published 1958)

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

D.

ZAHRADNIK, L.

CZECHOSLOVAKIA/Cosmochemistry - Geochemistry -

Hydrochemistry.

Abs Jour

: Ref Zhur - Khimiya, No 8, 1958, 24605

Author

Svasta, J., Zahradnik, L., Sulcek, Zd., Stovik. M.,

Bouberle, M., Rotter, R.

Inst

. .

Title

Content of Germanium in Czechoslovak Coal and Its Products

Orig Pub

Geotechnica, 1955, No 20, 142 8., 11.

Abstract

: Presentation of the results of oxidimetric, potentionertric, phenylfluoronic, spectral and also the polarographic and roentgeno- spectral (with the use of Ge K line) analyses, developed by the authors, of samples collected from all the coal fields and of ash from gas plants. The last mentioned method is considered best, yielding qualitative and quantitative results with an accuracy of 3. . 10-3% with coal and of 0.05% with fly ash. Higest concentration of Ge was found in coal of western Bohemia in

Card 1/2

ZAHRADNIK, Labomir; TYROLER, Jiri; VONDRAKCVA, Zdenka Germanium content in the seam zones of the Pilsen coal basin. Stor

chem tech 4 no.2:267-276 160.

1. Ustav herostnych surovin, Fraha a katedra mineralogie, Vysoka skola chemicko-technologicka, Praha.

(Germanium) (Coal)

Z/009/61/000/012/001/005 E112/E953

AUTHORS:

Zahradník, Lubomír, Formánek Zdeněk, Šťovík Miroslav, Tyroler Jiří and Vondraková Zdena

TITLE:

Recovery of germanium dioxide from flue dusts

PERIODICAL:

Chemický průmysl, no.12, 1961, 625-629

The only domestic sources of germanium in Czechoslovakia are the flue dusts from certain coals (germanium contents range from 0.2 to 0.8%) and the present paper discusses three possible methods of recovery via germanium dioxide: 1) Extraction with water or inorganic solvents, such as H₂SO₄, HCl, HNO₃, NaOH and (NH₄)₂S_x. Best results are achieved with 0.05 N-H₂SO₄, yielding up to 97% of the available germanium. Extraction efficiency is closely connected with the physical characteristics of the flue dusts, good recoveries being obtainable only with flue dusts of very fine particle size. Furthermore, only germanium available in soluble form will respond to the method. 2) Chlorin-This process can be operated either at lower ation of flue dusts. temperatures, in presence of steam, or at high temperatures, in presence of air. Compared to the distillation method with HCl, Card 1/54

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Recovery of germanium ...

Z/009/61/000/012/001/005 E112/E953

yields of germanium are inferior and the recovered products less pure. A further rectification is therefore necessary. The chlorination method, on the other hand, offers the advantage that even very low-content flue dusts can be processed. 3) Direct distillation with HCl. This method is considered the simplest from the technological point of view. It is only suitable for naw materials, containing germanium in a volatilisable form and is not economical for flue-dusts with low germanium content. The method econosists of treating the flue dust with HCl, and procedures for the consists of treating the flue dust with HCl, and procedures for the separation of the formed GeCl4 are described in detail. So far, separation of the formed GeCl4 are described in detail. So far, separation of the formed GeCl4 are described in detail. So far, separation of the formed GeCl4 are entrained by HCl, and mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing 20% HCl. A recovery of 2-13 g mixture in water, containing

Recovery of germanium ... Z/009/61/000/012/001/005 E112/E953

is given as 97-99.5% at 20°C. As practical processing would require large volumes of CCl, (1500 kg/kg Ge) a two-step absorption process is suggested. A diagram of a laboratory arrangement for the continuous recovery of germanium tetrachloride by the carbon tetrachloride method is shown (Fig.6). The apparatus operates under slight vacuum and has a capacity of 30 kg flue dust per day. The solution of GeCl, in CCl, is preliminarily refined by extraction with concentrated hydrochloric acid, containing 10% nitric acid. Hydrolysis of GeCl, is carried out in the usual way. The experience gained in laboratory trials led to the construction of a semi-technical batch-wise unit, which in two months produced 10 kg germanium dioxide from 1000 kg flue dust. There are 5 tables, 5 figures and 5 references: 2 Soviet-bloc and 3 non-Soviet bloc. The English-language references read as follows: Ref.1: Journal of Metals, 979(1953); Ref.2: Johnson O.H., Chemical Reviews, vol.51, 432 (1952); Ref.5: Aubrey K.V., Nature, vol.176, 2 (1955).

ASSOCIATION:

Ústav nerostných surovin, Praha (Institute for Mineral Raw Materials, Prague)

Recovery of germanium ...

Z/009/61/000/012/001/005 E112/E953

SUBMITTED:

January 16, 1961

Fig.6. Legend.

1 - mixing vessel, with stirrer, for absorption of flue dust in hydrochloric acid,

3,4 - steam-heated boiling tubes, 5 - separator, 6 - condenser,

7 - absorption vessel,

8 - absorption column with Raschig rings,

10 - separating funnel with CCl4,

9 - condenser, cooled to 0°C, 11 - reservoir, to which a slight vacuum is applied.

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s/081/63/000/001/048/061 B144/B186

Tyroler, Jiri, Formánek, Zdeněk, Vondráková, Zdena,

Zahradník, Lubomír, Štovík, Miroslav

Production of pure germanium dioxide from germanium

concentrates TITLE:

LUTHORS:

Referativnyy zhurnal. Khimiya, no. 1, 1963, 347, abstract

1138 (Czechosl. patent 101148, October 15, 1961) PERIODICAL:

TEXT: Ge concentrates are distilled continuously with concentrated HCl (ratio 1: 1-2) with simultaneous bubbling of Gl_2 (gas) through the solution or addition of oxidants (K2Cr2O7 + H2SO4). The GeCl4 vapors together with HCl, vapors Cl2 and impurities are washed out of the gas mixture by organic solvents (CCl4); then, the GeCl4 dissolved in the organic solvent is washed with HCl (acid) and hydrolized. Example. apparatus comprises 2 containers with agitators of 70 1 capacity (the mixture is tapped from one container, while at the same time the other Card 1/2

Production of pure germanium ...

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tank is filled), a metering pump, a cooking boiler, a foam separator and an absorber. In the containers, the nixture of 25-30 kg concentrate and 50 kg HCl (acid) is prepared. The absorber is filled with CCl₄. The operation of the metering pump and the heating of the boiler is controlled in such a way that the foam entering the separator has a temperature of 100°C. From the separator the suspension is drained-off to waste, but the vapors are led into the absorber, from which GeCl₄ dissolved in CCl₄ is drawn off intermittently or continuously and hydrolized thrice with distilled water. The product contains 0.005 - 2% As and is a suitable raw material for semiconductors. [Abstracter's note: Complete translation.]

Card 2/2

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Z/009/61/000/007/001/004 E112/E135

AUTHORS:

Zahradník, Lubomír, Formánek, Zdeněk, Štovík, Miroslav,

Tyroler, Jiří, and Vondráková, Zdena

TITLE:

Properties of furnace flue dusts and their use for the

recovery of germanium

PERIODICAL: Chemický průmysl, 1961, No.7, pp. 337-341

TEXT: Coal which is rich in germanium was ashed in a reducing atmosphere and coarser fractions were separated by means of cyclones. Flue dust of finer particle size was recovered by electrostatic separation and this contained up to 1% germanium. Industrial recovery of germanium was considered feasible and therefore laboratory methods for its extraction and the nature of the bond between germanium and the flue dust particles were studied. The flue dust was separated into different fractions according to particle size and the relationship between germanium concentration and particle size was investigated. Germanium contents decreased as the particle size increased and, consequently, main attention was paid to flue dust smaller than 60 μ (0.12% Ge). During the ashing of coal a number of elements are volatilized and absorbed Card 1/4

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Z/009/61/000/007/001/GO4 E112/E135

Properties of furnace flue dusts and their use for the recovery of germanium

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from the gaseous phase by the flue dust particles. The sorption process was studied by determining the concentrations of the various elements in the original coal and the flue dust. Spectroscopic methods of analysis were used and results are tabulated. On the average, the flue dusts contained between 27 and 33% combustible materials. Their concentration decreased on extraction with 0,2 N-H₂SO₄, indicating that they did not consist entirely of carbon. Results for three types of flue dust are tabulated, showing the following: 1) loss of weight of flue dust on calcination; 2) loss of weight of flue dust on calcination, after extraction with H₂SO₄; and 3) loss of weight of flue dust on extraction with H₂SO₄. Results of spectrographic analyses of 3) loss of weight of flue dust flue dusts, H2SO4-extracts and extraction residues are submitted, listing all elements occurring in the three different fractions in the following concentrations: 1) higher than 1%; The following values are 3) 0.1-0.01%; and 4) lower than 0.01%. tabulated for germanium: original sample of flue dust, 1 - 0.1%; Card 2/4

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Properties of furnace flue dusts and their use for the recovery of

H₂S04-extract, 1 - 0.1%; ashing residue of H₂S04-extract, 0.1 -Extraction methods for germanium from flue dusts, using water, acids, and alkalis, are described. Water extraction recovered about 50% of the available germanium. Extractability with H2SO4 was inversely proportional to the concentration of the latter, (20 N-H2S04 extracted 64.5% Ge, while 0.05 N-H2S04 gave 96.7% recovery). On the other hand, extractability with HCI increases with increased concentration. Recovery of Ge by means of HNO3 was not feasible. The separation of Ge by means of HCl from the coarser fly ashes is also described. An addition of HF (in the form of CaF2) is recommended to convert the SiO2 to SiF4, which is driven off by heating. Extraction with weakly alkaline solutions was somewhat inferior to processing with dilute acids. In order to obtain additional information about the isolation of germanium from flue dusts, the volatility of germanium dioxide at different temperatures was studied and results are tabulated. It was found that up to 400 °C germanium was not volatile and was

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Z/009/61/000/007/001/004 Properties of furnace flue dusts E112/E135

assumed to be present as GeO2, easily soluble in alkalies. other hand, samples of flue dust, heated under identical conditions, showed poor extractability of Ge by means of dilute sulfuric acid. This is explained by the poor solubility of GeO2 in H2SO4. concluded from laboratory experiments that flue dusts containing 0.3-1.0% Ge present a suitable raw-material for a Czechoslovak germanium recovery industry. Extraction with dilute sulfuric acid or treatment with HCl and distillation as GeCl4, optionally in a stream of HCl, are suggested. The described laboratory methods were utilized for industrial scale production, details of which are

There are 7 figures, 12 tables and 12 references: 3 Czech, 7 English and 2 German.

ASSOCIATION: Ústav nerostných surovin, Praha

(Institute for Mineral Raw-Materials, Prague)

SUBMITTED: January 16, 1961

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B/081/62/000/019/019/053 B144/B180

AUTHORS:

Stovík, Miroslav, Zahradník, Lubomír, Tyroler, Jiří, Vondra-kovh, Zdena, Formanek. Zdenek

TITLE:

Production of concentrates of germanium and other trace clemments by burning coal in furnace grates

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 19, 1962, 340, abstract 19882 (Gzechoslovakian patent 599414, April 15, 1961)

TEAT: When coal is burned in furnaces, almost all the Ge is carried away with the finer fractions in the form of volatile compounds. For more complete removal it is suggested that the coal should be burnt in a reducing a minimum and that of secondary air above the grate is increased. The amount, of Ge compounds adsorbed in the thin fractions then rises to 80% the Ge content of the coal. The combustion gases are led through a cyclone, where ter and a second cyclone. Alternatively, after separating the large particles, the gas is passed through a scrubber, (with either mineral or silicard 1/2